

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022584.D
 Acq On : 05 Oct 2021 19:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005295

Manual Integrations
 APPROVED

MMDadoda

10/7/2021 9:33:23 AM

Quant Time: Oct 06 05:31:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15882	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.565	69	23116	5.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.105	63	49428	4.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	3.912	46	85204	42.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.520%
24) Chloroform-d	4.346	84	62002	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.034	65	30993	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.047	84	111707	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.072	67	36760	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.317	98	98285	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.625	79	10226	4.638	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.095	63	73437	53.790	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31715	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	44469	5.079	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42768	5.275	ug/L	98
3) Chloromethane	1.240	50	42205	5.199	ug/L	97
5) Vinyl chloride	1.307	62	43841	5.350	ug/L	99
6) Bromomethane	1.519	94	27974	5.143	ug/L	99
8) Chloroethane	1.581	64	26784	5.140	ug/L	100
9) Trichlorofluoromethane	1.748	101	64825	5.288	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38362	5.443	ug/L	97
12) 1,1-Dichloroethene	2.114	96	35655	5.467	ug/L	97
13) Acetone	2.185	43	52785m	48.682	ug/L	
14) Carbon disulfide	2.288	76	100214	5.253	ug/L	98
15) Methyl Acetate	2.436	43	14903	4.667	ug/L #	86
16) Methylene chloride	2.500	84	38887	5.175	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	86966	5.248	ug/L	100
18) trans-1,2-Dichloroethene	2.751	96	37804	5.319	ug/L	99
19) 1,1-Dichloroethane	3.185	63	68088	5.340	ug/L	99
21) 2-Butanone	3.995	43	68086	39.225	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	37974	4.924	ug/L	95
23) Bromochloromethane	4.246	128	18315	5.045	ug/L	90
25) Chloroform	4.375	83	72537	5.209	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	37629	5.078	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	59590	4.977	ug/L	97
30) Cyclohexane	4.670	56	52160	4.808	ug/L	100
31) Carbon tetrachloride	4.822	117	53270	5.015	ug/L	97
33) Benzene	5.098	78	144261	5.108	ug/L	100
34) Trichloroethene	5.912	95	39299	4.788	ug/L	96
35) Methylcyclohexane	6.127	83	56305	4.896	ug/L	98
37) 1,2-Dichloropropane	6.175	63	32665	4.738	ug/L	100
38) Bromodichloromethane	6.513	83	42990	4.920	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	46155	4.967	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	197811	52.121	ug/L	98
42) Toluene	7.387	91	155151	5.230	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	39126	5.044	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	25252	4.906	ug/L	97
47) Tetrachloroethene	7.976	164	32941	5.161	ug/L	96
48) 2-Hexanone	8.146	43	147627	54.069	ug/L	99
49) Dibromochloromethane	8.249	129	31202	5.143	ug/L	96
50) 1,2-Dibromoethane	8.355	107	24280	5.074	ug/L	95
51) Chlorobenzene	8.883	112	99758	5.137	ug/L	98
52) Ethylbenzene	9.014	91	158183	5.195	ug/L	98
53) m,p-xylene	9.140	106	62615	5.394	ug/L	98
54) o-xylene	9.545	106	61159	5.296	ug/L	98
55) Styrene	9.561	104	105663	5.382	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	28206	5.051	ug/L	99
59) Bromoform	9.731	173	17090	5.146	ug/L	99
60) Isopropylbenzene	9.931	105	163938	5.387	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21448	5.111	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	130295	5.281	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	134000	5.346	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	84788	5.442	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	83048	5.211	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	76225	5.251	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	3778	4.711	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	62574	5.365	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	48723	5.205	ug/L	98
71) Naphthalene	13.503	128	78524	5.120	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	46234	5.375	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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